

Aircraft Noise Report

Chicago O'Hare International Airport

Period: May 2010

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last May 09	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Full Build Out Values	
		Jun 09	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10						May ¹ 10
1	Arlington Heights	61.3	61.2	60.3	60.8	61.2	59.0	56.9	54.5	56.7	58.7	59.3	58.0	60.6	59.4	63.0	63.0	50.5
2	Melrose Park	56.5	56.8	57.1	57.0	58.4	58.5	56.9	53.0	53.8	54.4	56.0	53.6	57.7	56.3	63.4	61.0	50.3
3	Bensenville	55.6	54.1	56.0	54.4	60.7	57.2	59.3	56.4	58.7	58.7	57.3	59.4	57.2	57.8	71.3	67.3	64.9
4	Schiller Park	54.8	54.2	57.3	55.3	57.0	55.4	54.6	51.0	53.7	52.9	55.6	54.8	54.7	55.0	62.6	62.6	58.8
5	Chicago	59.2	59.9	60.1	57.2	59.9	59.3	58.7	58.3	57.8	57.0	58.2	59.1	60.0	58.8	60.8	59.8	61.9
6	Chicago	58.0	57.5	56.4	57.9	58.4	56.7	55.8	54.2	54.3	57.8	56.7	60.0	57.3	57.3	61.3	59.6	57.8
7	Des Plaines	53.3	54.3	53.0	52.8	54.3	51.1	54.1	52.5	53.9	52.6	52.7	54.5	54.5	53.4	65.4	62.0	48.5
8	Des Plaines	65.0	60.5	62.5	64.8	65.3	60.8	61.2	59.9	60.7	63.3	63.4	63.4	63.7	62.9	70.0	68.8	60.8
10	Rolling Meadows	59.9	58.9	59.8	59.2	60.3	58.7	55.9	52.0	55.0	55.7	58.6	56.4	59.9	58.1	59.0	60.8	48.9
11	Chicago	58.6	55.6	56.6	57.5	56.9	55.3	55.5	52.2	53.7	57.6	57.3	56.7	57.5	56.4	60.9	60.7	50.3
12	Elk Grove Village	58.3	60.1	58.9	57.2	59.1	58.9	59.1	57.1	58.3	55.6	56.9	58.0	59.7	58.3	66.7	62.1	57.6
13	Elk Grove Village	74.7	74.1	74.8	74.5	75.0	73.6	72.3	68.6	69.3	64.5	63.7	72.6	74.1	72.7	80.0	77.6	64.6
14	Elk Grove Village	61.4	61.1	61.0	62.8	61.5	60.8	58.0	57.3	61.0	59.7	60.7	58.4	60.1	60.6	67.6	65.7	54.5
15	Franklin Park	57.9	58.2	59.1	58.8	60.6	59.7	58.4	54.4	54.1	54.9	58.5	53.4	58.3	57.9	64.1	62.6	53.6
16	Franklin Park	64.1	65.1	64.9	64.5	65.8	66.6	64.5	63.2	63.6	64.0	65.6	65.3	65.2	64.9	72.2	72.1	63.4
17	Harwood Heights	62.9	65.7	62.4	57.3	62.7	64.8	65.1	65.4	65.8	63.6	62.7	67.2	62.1	64.4	66.4	65.4	57.9
19	Stone Park	52.5	56.5	56.6	52.3	57.8	62.0	56.2	54.0	54.5	49.9	53.0	53.0	54.6	56.1	64.7	61.7	51.6
20	Mount Prospect	61.1	60.1	59.7	60.3	60.3	59.7	63.2	64.4	57.6	60.5	59.5	58.6	59.9	60.8	63.5	62.4	49.1
21	Mount Prospect	56.9	57.7	54.7	59.3	54.0	54.2	54.5	53.5	53.2	54.2	54.8	55.3	55.4	55.6	59.6	58.6	53.6
22	Norridge	64.0	64.4	63.9	59.0	64.3	66.4	--	63.6	63.1	59.9	59.3	63.4	63.8	63.4	69.2	67.7	59.2
23	Northlake	58.6	64.9	64.7	61.0	63.3	64.8	64.4	63.6	65.3	63.1	64.0	63.8	59.8	63.8	73.5	69.1	59.6
24	Park Ridge	55.6	52.2	52.1	54.9	55.6	54.7	52.6	49.4	51.5	54.5	55.5	55.5	53.9	54.0	60.3	58.8	50.6
25	Park Ridge	59.3	56.2	56.1	56.3	59.7	58.5	57.5	55.3	53.3	60.0	57.5	58.5	56.9	57.7	69.1	61.8	66.7
26	Park Ridge	56.6	54.5	56.2	57.7	58.6	55.3	55.6	54.0	54.5	58.9	59.4	59.6	56.9	57.2	64.0	61.2	59.5
27	Rosemont	64.6	62.0	62.9	63.6	64.7	64.4	63.7	62.6	62.3	66.5	65.7	65.0	64.8	64.2	73.0	67.6	70.2
28	Schiller Park	65.8	71.1	70.7	64.9	71.8	74.6	76.8	77.0	76.8	75.0	73.3	76.9	67.7	74.3	79.6	78.7	67.9
29	Wood Dale	64.9	62.8	62.9	65.3	65.3	64.8	64.9	61.6	63.9	68.6	65.3	68.4	62.1	65.4	n/a	n/a	65.1
30	Wood Dale	52.5	53.9	54.5	51.0	52.9	53.9	54.5	50.3	52.0	51.5	53.1	52.1	54.7	52.9	n/a	n/a	58.5
32	Wood Dale	55.8	55.4	56.8	55.9	60.3	60.2	61.1	59.2	61.2	60.8	59.1	60.5	52.9	59.3	71.2	66.4	63.8
33	Park Ridge	60.1	59.5	59.7	58.4	60.6	58.9	58.6	58.2	56.3	55.6	57.8	57.0	60.4	58.6	n/a	n/a	61.9
34	Elk Grove Village	55.6	58.3	55.5	54.8	56.5	56.6	56.3	55.2	57.0	57.2	55.4	56.6	56.6	56.4	66.3	61.2	61.4
35	Unincorporated Cook	54.7	54.1	54.7	45.5	54.7	54.8	54.5	52.0	53.1	51.1	53.4	54.4	55.0	53.6	70.8	65.4	54.7
37	Mount Prospect	54.6	54.9	53.8	53.9	54.7	54.5	53.6	52.1	51.9	53.3	53.6	54.1	54.2	53.8	55.1	57.0	50.5

--No data due to monitor malfunction.

n/a- Not Applicable

1. Red represents an increase of 1 dB or more from the same month of the previous year (10 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (11 monitors).

2. Red represents an increase of 1 dB or more from the modeled 1997 noise contour level (0 monitors). Green represents a decrease of 1dB or more from the modeled 1997 noise contour level (29 monitors).